

Sasha Ree Linsin Wohlpart
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Educational Experience

M.S. in Environmental Science, July 2007

Florida Gulf Coast University, Fort Myers, FL

4.00 GPA

Relevant Graduate Coursework: Advanced Ecology, Coastal and Watershed Geology, Advanced Marine Chemistry, Taphonomy, Carbonate Depositional Environments, Geobiology, Environmental Research Methodology.

B.S. in Geology, May 1996

East Carolina University, Greenville, NC

3.34 Overall GPA; 3.70 GPA in upper level coursework

Relevant Undergraduate Coursework: Ecology, Environmental Geology, Oceanography, Scientific Writing, Chemistry, Physics, Biology, and Statistics.

Graduate Coursework: Hydrogeology, Marine Geology, Optical Mineralogy, and Directed Studies.

Online Science Education Masters Program, January 2003 – August 2003

University of West Florida, Pensacola, FL

Graduate Coursework: Forces in Motion, Transfer of Energy, Aquatic Ecology.

Anthropology and Curriculum and Instruction, September 1998 – May 2004

Florida Atlantic University, Boca Raton, FL

Graduate Coursework: Biological Anthropology Seminar.

Undergraduate Coursework: Science in Middle and Secondary Schools, Applied Learning Theory, Applied Educational Techniques, Principles of Ecology.

Teaching Experience

Instructor, August 2007 – present

Department of Marine and Ecological Sciences

College of Arts and Sciences

Florida Gulf Coast University

Teach Environmental Biology of Southwest Florida to undergraduate students. Develop course curriculum and field based activities that emphasize basic ecological principles and environmental sustainability. Help students develop an ecological perspective.

Team-taught Coastal and Watershed Geology to upper level undergraduate students with Dr. Michael Savarese.

Assistant Director, August 2005 – August 2007

Wings of Hope

Florida Gulf Coast University

Teach university students in Connections classes relevant environmental issues to southwest Florida; facilitate university students teaching elementary students in group settings; work with community constituencies, including Audubon Society of Collier County, Panther Refuge, CREW, Lover's Key State Park and a variety of elementary schools.

Teaching Assistant, Spring 2006
Environmental Biology of Southwest Florida
Florida Gulf Coast University

Assisted Dr. Win Everham in teaching Environmental Biology of Southwest Florida; assisted with lab work and field experiences; assisted with active learning exercises and collaborative learning activities.

Science Teacher, August 2004 – June 2005
Jupiter Environmental Research and Field Studies Academy
Jupiter Community High School

Teach AP Environmental Science, Honors Integrated Science, Pre-AP Biology to students in grades 9-11. Work with a team of teachers to integrate the learning experience for students as the progress from freshman to seniors. Lead students on intensive field studies to ecosystems throughout Florida. Mentor students in Envirothon and environmental service learning activities. Developed and implemented innovative science curriculum using active and collaborative learning strategies and based on learning outcomes.

Science Facilitator, August 1998 – June 2004
Academy of Environmental Science and Technology
Forest Hill Community High School

Teach Integrated Science, Ecology, Marine Science, and Research to students in grades 9-12 in the Academy of Environmental Science and Technology, an innovative learning atmosphere where students are self-directed in their learning. Create innovative, interdisciplinary curriculum that integrates science, English and history, and applies science and technology in the classroom to real world situations. Student class and field work was computer and technology based. Lead students on field studies to ecosystems throughout Florida and the Caribbean. Mentor students in science fair and Envirothon.

Education Specialist, June 2001 – Present
Busch Wildlife Sanctuary

Provide educational programs for groups, organizations, and the general public on Florida's native wildlife. Created and directed an innovative summer program where students became wildlife care specialists while learning about the role each organism plays in its ecosystem.

Environmental Education Coordinator, June 1996 – August 1998
Palm Beach Soil and Water Conservation District

Develop, organize, plan, and implement educational programs for the District. Act as liaison between outside agencies and organizations involved with environmental education. Provide technical assistance for vegetative and soil assessments. Help landowners in the Everglades Agricultural Area to implement Best Management Practices.

Scholarship

Volety, A., **Wohlpert, S.L.**, Savarese, M., and Loh, A.N. 2008. Characterization of community assemblages in oyster-reef habitats of the Estero estuary through the late Holocene: monitoring the ecological impact of watershed management and sea-level rise. Charlotte Harbor National Estuary Program of the Environmental Protection Agency, Technical Report. 84 p. + 38 figs + 9 tables + 1 appendix.

- Savarese, Michael, Brian Hoye, **Sasha Linsin Wohlpart**, and Ai Ning Loh.. Influence of Late Holocene Sea-level Rise on the Geomorphology of the Greater Everglades Coast: Implications for Restoration and Water Management. Poster Presentation. ASLO Ocean Sciences Meeting. Orlando, FL: March 2-7, 2008.
- Wohlpart, S. L.**, Savarese, M., Surge, D. The Development of Estuarine Systems in Southwest Florida: A Perspective from the Late Holocene History of Oyster Reef Development. Geological Society of America Annual Meeting and Exposition. Denver, Colorado: 29 October, 2007.
- Savarese, M. and **Linsin Wohlpart, S.** Gauging Environmental Health and the Effects of Global Climate Change: A Study of Oyster Reef Development and Paleoecology. Dauphin Island Sea Lab, State of Alabama's Marine Science Institution: September 2007.
- Linsin, Sasha.** "Wings of Hope Program." Infusing Sustainability into the Humanities Curriculum: The Development of Ecological Literacy at Florida Gulf Coast University. *Hawaii International Conference on Arts and Humanities*. Honolulu, Hawaii: 12 January 2007.
- Savarese, M., Bridges, A.C., and **Linsin, S.R.** 2006. Development and paleoecology of Holocene oyster reefs relative to coral reefs: an equally significant gauge of global environmental change. *Geological Society of America Abstracts with Programs* 38(7):535-536.
- Westphal, M.J., **S.R. Linsin**, M.M. Andresen, R.J. Harris, B.R. Hoye, C.M. Linardich, A.C. Mabe, V. Oehm, and M. Savarese. Ecological Succession within a Holocene Oyster Reef: An Indicator of Estuary Development in Southwest Florida Gulf Coast University. *Geological Society of America, Southeastern Section. 56th Annual Meeting*. Charleston, SC: 29-30 March 2007.

Research and Grant Experience

Research Assistant, August 2005 – present

Florida Gulf Coast University, Fort Myers, FL

Assist Dr. Michael Savarese with field and laboratory projects, including core extraction in the Everglades, Ten Thousand Islands, and Estero Bay; assisting with processing and describing cores; and taking lead role in analyzing data and writing final report for Geobiology research.

Marco Island Shell Club Grant, Spring 2006

Secured grant funding for supplies and travel related to graduate research.

Environmental Resources Management Grant, Spring 1998

Palm Beach Soil and Water District

Successfully worked to secure funding for joint project with the Forest Hill High School Environmental Science Academy on the restoration of the Lake Worth Lagoon.

South Florida Water Management District Grants, June 1996 – August 1998

Palm Beach Soil and Water District

Worked to secure continued funding of grants for water conservation education in south Florida, and implemented grants on an ongoing basis.

Research Assistant, 1995
East Carolina University, Greenville, NC

Worked with Dr. Stanley R. Riggs and a graduate student on an estuarine project in the Albemarle Sound. Monitored seismic and navigational equipment, assisted in vibra-coring including recovery and analysis.

Research Assistant, 1992 – 1993
Cargill Hybrid Seeds, Greenville, NC

Assisted Dr. Michael Forster in all aspects of planting, pollinating, and harvesting. Participated in genetic research for the development of new hybrid.

Service Activities and Other Experience

Contributed to EarthEcho education curriculum on examining human relationships with water resources

Volunteer for Bureau of Land Management Hands on the Land Program, 2005

Member of Education Committee for the Perry Institute for Marine Science

Board member of PalmNet

Contributed to *Everglades: An American Treasure* curriculum

Coordinated the 1997 and 1998 Palm Beach County Envirothon competitions

Member at Large for Palm Beach Environmental Education Network, 1997

Volunteer for Bush Wildlife Sanctuary, Jupiter Farms, Florida, 1997 – present

USGS Volunteer for Science

Worked with teachers and students in Israel on comparative study of Hula Valley and Everglades Watersheds

Served on the Public Use and Outreach sub-committee for the Lake Worth Lagoon Restoration

Former member of SAC at Forest Hill Community High School

Project WET Facilitator

Water Resources Education Coordinator Training

Member/Treasurer in Sigma Gamma Epsilon (Honor Society of Earth Sciences), 1994 –1996

Honors/Awards

Palm Beach Post Teacher of the Week, December 2003

Outstanding Environmental Teacher of the Year, April 2003

W.A. Tarr Award for meritorious work in earth sciences, 1996

Most Outstanding Senior Award, 1996

References

Dr. Michael Savarese
Professor of Marine Science
Florida Gulf Coast University
Phone: (239) 590-7165
Email: msavares@fgcu.edu

Mr. Neil White
Director, Jupiter Environmental Research and Field Study Academy
Jupiter High School
Phone: (561) 743-6005
Email: whitene@palmbeach.k12.fl.us

Ms. Loisa Kerwin
Director, Riverwoods Field Laboratory

Florida Atlantic University's Center for Environmental Studies
Phone: (863) 462-0025
Email: lkerwin@strato.net

Dr. Win Everham
Associate Professor of Environmental Studies
Florida Gulf Coast University
Phone: (239) 590-7169
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Ms. Cheryl Jorandby
Adjunct Instructor
Palm Beach Community College
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